# Technical Information

## WAVEFORM DIAGRAMS

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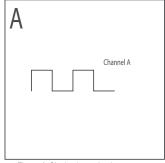


Figure 1: Single channel only

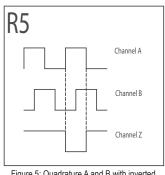


Figure 5: Quadrature A and B with inverted 180° Index gated to A

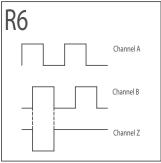


Figure 9: Quadrature A and B with inverted 180° Index gated to B

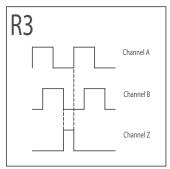
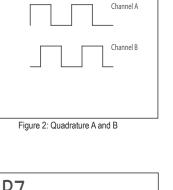
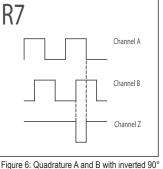


Figure 13: Quadrature A and B with 90° Index gated to A low and B low





Index gated to A and B

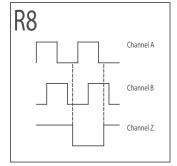
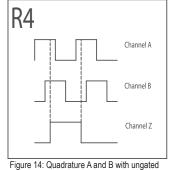
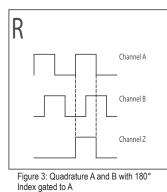
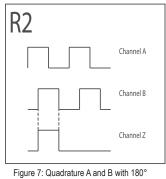


Figure 10: Quadrature A and B with ungated inverted Index centered on A between 360° and 180°



Index centered on A low between 360° and 180°





Index gated to B

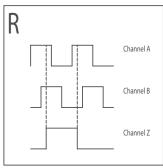
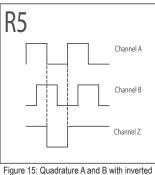


Figure 11: Quadrature A and B with ungated Index centered on A low between 360° and 180°



180° Index gated to A low

**R3** Channel A Channel B Channel Z

Figure 4: Quadrature A and B with 90° Index gated to A and B

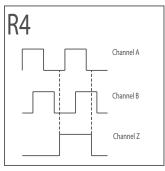


Figure 8: Quadrature A and B with ungated Index centered on A between 360° and 180°

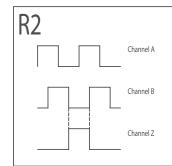


Figure 12: Quadrature A and B with 180° Index gated to B low

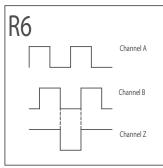


Figure 16: Quadrature A and B with inverted 180° Index gated to B low

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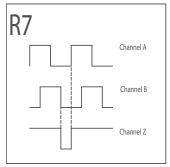


Figure 17: Quadrature A and B with inverted 90° Index gated to A low and B low

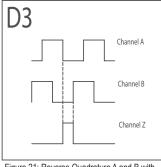


Figure 21: Reverse Quadrature A and B with 90° Index gated to A low and B low

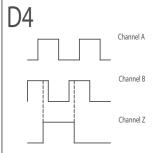
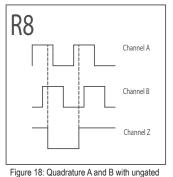
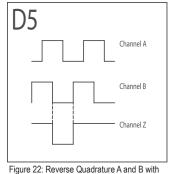


Figure 25: Reverse Quadrature A and B with ungated Index centered on B low between 360° and 180°



inverted Index centered on A low between 360° and 180°



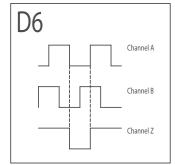


Figure 26: Reverse Quadrature A and B with inverted 180° Index gated to A low

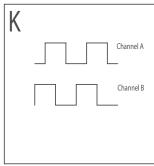


Figure 19: Reverse Quadrature A and B

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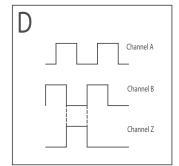


Figure 20: Reverse Quadrature A and B with 180° Index gated to B low

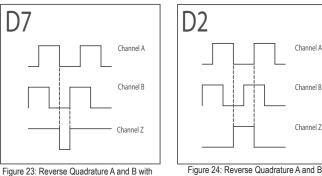
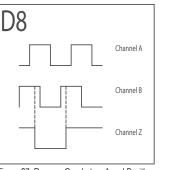


Figure 24: Reverse Quadrature A and B with 180° Index gated to A low



inverted 90° Index gated to A low and B low

Figure 27: Reverse Quadrature A and B with ungated and inverted Index centered on B low between 360° and 180°

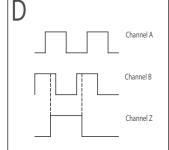


Figure 28: Reverse Quadrature A and B with ungated Index centered on B low between 360° and 180°

#### Call Sales & Customer Service at 800-366-5412 EPC is open for business from 8:00 am to 7:30 pm Eastern Time/ 5:00 am to 4:30 pm Pacific Time

inverted 180° Index gated to B low